

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1 (Canceled)

Claim 2 (Currently Amended) ~~The device of claim 1, wherein~~

A device for the investigation of components of a generator which border on a machine air gap between a stator and a built in rotor of the generator, by means of at least one movable inspection probe, the device comprising:

a base unit which is securable to the rotor on both sides, and which permits the at least one inspection probe to move in the machine air gap, both in an axial direction with respect to the generator axis and also in the circumferential direction of the machine air gap over the whole circumference of the rotor, wherein the base unit is securable secured to rotor caps installed at the ends of the rotor.

Claim 3 (Previously Presented) The device of claim 2, wherein the base unit comprises two end portions which are secured to the rotor caps, and wherein at least one carrying cable is arranged between the two end portions and the at least one inspection probe is displaceably mountable in the axial direction in the machine air gap, on the at least one carrying cable.

Claim 4 (Previously Presented) The device of claim 3, wherein the at least one inspection probe is secured to a tension cable, which tension cable is secured to be able to roll on tension rollers installed on the end portions such that the inspection probe is displaceable in the axial direction by means of synchronous rotation of the two tension rollers.

Claim 5 (Previously Presented) The device of claim 4, wherein the tension cable is rolled on the tension rollers on both sides such that the use of the device is possible with different generator lengths.

Claim 6 (Previously Presented) The device of claim 3, wherein the end portions of the base unit are mounted to move circumferentially on the rotor caps.

Claim 7 (Previously Presented) The device of claim 6, wherein the end portions are arranged on outer circumferential surfaces of the rotor caps and are secured to the rotor caps with belts running around the outer circumferential surfaces.

Claim 8 (Previously Presented) The device of claim 7, wherein the belts comprise individual pieces which effect an adaptation to different rotor diameters, and elements between the individual pieces, facilitating the displaceability of the base unit on the rotor cap, circulating in the circumferential direction of the machine air gap.

Claim 9 (Previously Presented) The device of claim 6, wherein the mobility of the base unit on the rotor caps is effected by means of movement rollers which roll on the rotor caps and are driven by motors arranged in the end portions.

Claim 10 (Previously Presented) Device according to claim 9, wherein the movement rollers are of conical shape and are arranged on the end portions such that the end portions always have the tendency, on movement on the rotor caps, to move toward the interior of the machine air gap, and wherein the end portions have a stop which respectively comes to abut against the axially outward end of the rotor caps, whereby the inward directed movement effected due to the conical movement rollers is limited.

Claim 11 (Currently Amended) The device of ~~claim 1~~ claim 2, wherein the inspection probe is guided laterally by two carrying cables and comprises a camera for visually inspecting the generator and for positioning the inspection probe.

12 (Canceled)

Claim 13 (Previously Presented) The device of claim 11, wherein the inspection probe comprises means for investigating stator groove keying.

Claim 14 (Previously Presented) The device of claim 11, wherein the inspection probe comprises means for investigating the stator lamination bundle.